

Paola Roncaglia

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

4,458
citations

279798

23
h-index

345221

36
g-index

37
all docs

37
docs citations

37
times ranked

8263
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct generation of functional dopaminergic neurons from mouse and human fibroblasts. <i>Nature</i> , 2011, 476, 224-227.	27.8	941
2	The genome of the protist parasite <i>Entamoeba histolytica</i> . <i>Nature</i> , 2005, 433, 865-868.	27.8	783
3	The Genome of the Basidiomycetous Yeast and Human Pathogen <i>Cryptococcus neoformans</i> . <i>Science</i> , 2005, 307, 1321-1324.	12.6	664
4	Open Targets Genetics: systematic identification of trait-associated genes using large-scale genetics and functional genomics. <i>Nucleic Acids Research</i> , 2021, 49, D1311-D1320.	14.5	295
5	Unexpected expression of $\hat{1}^{\pm}$ - and $\hat{1}^2$ -globin in mesencephalic dopaminergic neurons and glial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15454-15459.	7.1	240
6	Annual fishes of the genus <i>Nothobranchius</i> as a model system for aging research. <i>Aging Cell</i> , 2005, 4, 223-233.	6.7	217
7	The Monarch Initiative in 2019: an integrative data and analytic platform connecting phenotypes to genotypes across species. <i>Nucleic Acids Research</i> , 2020, 48, D704-D715.	14.5	178
8	Large Differences in Aging Phenotype between Strains of the Short-Lived Annual Fish <i>Nothobranchius furzeri</i> . <i>PLoS ONE</i> , 2008, 3, e3866.	2.5	162
9	Tools and data services registry: a community effort to document bioinformatics resources. <i>Nucleic Acids Research</i> , 2016, 44, D38-D47.	14.5	113
10	DNA Damage in Mammalian Neural Stem Cells Leads to Astrocytic Differentiation Mediated by BMP2 Signaling through JAK-STAT. <i>Stem Cell Reports</i> , 2013, 1, 123-138.	4.8	79
11	Blood transcriptomics of drug-naïve sporadic Parkinson's disease patients. <i>BMC Genomics</i> , 2015, 16, 876.	2.8	64
12	Exploring autophagy with Gene Ontology. <i>Autophagy</i> , 2018, 14, 419-436.	9.1	64
13	Motor neuron impairment mediated by a sumoylated fragment of the glial glutamate transporter EAAT2. <i>Glia</i> , 2011, 59, 1719-1731.	4.9	59
14	Adhesion to Carbon Nanotube Conductive Scaffolds Forces Action-Potential Appearance in Immature Rat Spinal Neurons. <i>PLoS ONE</i> , 2013, 8, e73621.	2.5	53
15	Mesencephalic dopaminergic neurons express a repertoire of olfactory receptors and respond to odorant-like molecules. <i>BMC Genomics</i> , 2014, 15, 729.	2.8	46
16	Dovetailing biology and chemistry: integrating the Gene Ontology with the ChEBI chemical ontology. <i>BMC Genomics</i> , 2013, 14, 513.	2.8	45
17	The Gene Ontology (GO) Cellular Component Ontology: integration with SAO (Subcellular Anatomy) Tj ETQq1 1 0.784314 rgBT /Overdo	1.6	44
18	Dissecting the transcriptional phenotype of ribosomal protein deficiency: implications for Diamond-Blackfan Anemia. <i>Gene</i> , 2014, 545, 282-289.	2.2	44

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19	Parkinson Disease-associated DJ-1 Is Required for the Expression of the Glial Cell Line-derived Neurotrophic Factor Receptor RET in Human Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 18565-18574.	3.4	37
20	TermGenie – a web-application for pattern-based ontology class generation. <i>Journal of Biomedical Semantics</i> , 2014, 5, 48.	1.6	30
21	Cyclic nucleotide-gated channels: intra- and extracellular accessibility to Cd ²⁺ of substituted cysteine residues within the P-loop. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, 556-565.	2.8	27
22	A transcriptome analysis identifies molecular effectors of unconjugated bilirubin in human neuroblastoma SH-SY5Y cells. <i>BMC Genomics</i> , 2009, 10, 543.	2.8	26
23	Extending gene ontology in the context of extracellular RNA and vesicle communication. <i>Journal of Biomedical Semantics</i> , 2016, 7, 19.	1.6	24
24	Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001813.	3.6	24
25	Fibroblasts from patients with Diamond-Blackfan anaemia show abnormal expression of genes involved in protein synthesis, amino acid metabolism and cancer. <i>BMC Genomics</i> , 2009, 10, 442.	2.8	22
26	Characterization of caspase-dependent and caspase-independent deaths in glioblastoma cells treated with inhibitors of the ubiquitin-proteasome system. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3140-3150.	4.1	20
27	Developmental influence of the cellular prion protein on the gene expression profile in mouse hippocampus. <i>Physiological Genomics</i> , 2011, 43, 711-725.	2.3	20
28	Gene Ontology Curation of Neuroinflammation Biology Improves the Interpretation of Alzheimer's Disease Gene Expression Data. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1417-1435.	2.6	18
29	Using Gene Ontology to describe the role of the neurexin-neurologin-SHANK complex in human, mouse and rat and its relevance to autism. <i>BMC Bioinformatics</i> , 2015, 16, 186.	2.6	17
30	Pore Topology of the Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel from Sea Urchin Sperm. <i>Biophysical Journal</i> , 2002, 83, 1953-1964.	0.5	15
31	Effects of Pin1 Loss in HdhQ111 Knock-in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 110.	3.7	15
32	Improving the Gene Ontology Resource to Facilitate More Informative Analysis and Interpretation of Alzheimer's Disease Data. <i>Genes</i> , 2018, 9, 593.	2.4	15
33	Genome-wide expression profiling and functional characterization of SCA28 lymphoblastoid cell lines reveal impairment in cell growth and activation of apoptotic pathways. <i>BMC Medical Genomics</i> , 2013, 6, 22.	1.5	14
34	Genomic organization and expression of 23 new genes from MAT [±] locus of <i>Cryptococcus neoformans</i> var. <i>gattii</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 326, 233-241.	2.1	12
35	Cyclic-nucleotide-gated channels: pore topology in desensitizing E19A mutants. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 441, 772-780.	2.8	8
36	The Gene Ontology of eukaryotic cilia and flagella. <i>Cilia</i> , 2017, 6, 10.	1.8	6